

Nanowire-composite based flexible thermoelectric nanowire temperature sensors

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Harvesting Water Drop Energy by a Sequential Contactâ€Electrification and Electrostaticâ€Induction Process. <i>Advanced Materials</i> , 2014, 26, 4690-4696.	21.0	592
2	A Flexible Reduced Graphene Oxide Fieldâ€Effect Transistor for Ultrasensitive Strain Sensing. <i>Advanced Functional Materials</i> , 2014, 24, 117-124.	14.9	132
3	Materials capability and device performance in flexible electronics for the Internet of Things. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1220-1232.	5.5	150
4	Triboelectric Nanogenerator as an Active UV Photodetector. <i>Advanced Functional Materials</i> , 2014, 24, 2810-2816.	14.9	180
5	Surface polarization enhanced Seebeck effects in vertical multi-layer metalâ€polymerâ€metal thin-film devices. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 22201-22206.	2.8	17
6	Harvesting heat energy from hot/cold water with a pyroelectric generator. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11940-11947.	10.3	101
7	Large thermoelectric power factor in polyaniline/graphene nanocomposite films prepared by solution-assistant dispersing method. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11107.	10.3	120
8	Dual-Mode Triboelectric Nanogenerator for Harvesting Water Energy and as a Self-Powered Ethanol Nanosensor. <i>ACS Nano</i> , 2014, 8, 6440-6448.	14.6	222
9	Flexible prototype thermoelectric devices based on Ag ₂ Te and PEDOT:PSS coated nylon fibre. <i>Nanoscale</i> , 2015, 7, 5598-5602.	5.6	54
10	Thermoelectric Fabrics: Toward Power Generating Clothing. <i>Scientific Reports</i> , 2015, 5, 6411.	3.3	235
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12	Hierarchical Biâ€Te based flexible thin-film solar thermoelectric generator with light sensing feature. <i>Energy Conversion and Management</i> , 2015, 106, 1192-1200.	9.2	40
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14	Environmental effects on nanogenerators. <i>Nano Energy</i> , 2015, 14, 49-61.	16.0	155
15	Transparent flexible stretchable piezoelectric and triboelectric nanogenerators for powering portable electronics. <i>Nano Energy</i> , 2015, 14, 139-160.	16.0	202
16	Fabrication of Te and Te-Au Nanowires-Based Carbon Fiber Fabrics for Antibacterial Applications. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 202.	2.6	7
17	Monitoring of Vital Signs with Flexible and Wearable Medical Devices. <i>Advanced Materials</i> , 2016, 28, 4373-4395.	21.0	1,033
18	Thermoelectric characterization and fabrication of nanostructured p-type Bi _{0.5} Sb _{1.5} Te ₃ and n-type Bi ₂ Te ₃ thin film thermoelectric energy generator with an in-plane planar structure. <i>AIP Advances</i> , 2016, 6, .	1.3	24

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20	Energy Harvesters for Wearable and Stretchable Electronics: From Flexibility to Stretchability. <i>Advanced Materials</i> , 2016, 28, 9881-9919.	21.0	407
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29	Review "Micro and Nano-Engineering Enabled New Generation of Thermoelectric Generator Devices and Applications. <i>ECS Journal of Solid State Science and Technology</i> , 2017, 6, N3036-N3044.	1.8	54
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